

Experience

Software Engineer **Infoblox** **Jul 2019 - Present**

Building and maintaining Go micro-services powering Bloxone DDI services.

- Reduced developer time spent by 75% by replacing custom health checking application with several manual steps with Prometheus using Kubernetes service discovery.
- Significantly improved developer productivity when diagnosing complex bugs involving multiple services by adding tracing capabilities to various services.

Golang, Docker, Kubernetes, AWS

Software Engineer **Ravelin** **Sep 2017 - Aug 2018**

Full stack engineer primarily developing and maintaining customer facing dashboard built with Angular and powered by Go micro-services

- Added end-to-end tests using Cypress to Angular dashboard to catch regressions during critical user paths
- Upgraded various parts of CI pipeline to ultimately reduce build times by 50%
- Improved/implemented many new features of graph visualizations, including closest neighbors highlighting and various filters
- Built a critical chrome extension used daily by the sales team for prospecting

Angular, TypeScript, Golang, Circle CI, Docker, D3, React, Cypress, AWS

Education

Atlanta, GA **Georgia Institute of Technology** **Sep 2020 - May 2023**

- Master of Science in Computer Science

Vancouver, BC **University of British Columbia** **Sep 2013 - May 2019**

- Bachelor of Applied Science in Mechanical Engineering GPA:3.6/4.3

Open Source Contributions

- **NuShell** ([Source](#)) *Rust*

Cross-platform shell that understands the structure of your data!

- Implemented streaming functionality when opening files with proper encoding support. Making it possible to stream very large files.
- Added additional math functions while refactoring math command and improving test coverage.

Projects

- **JobBot** ([Source](#)) *Python, Selenium, XPath, NLP*

The bot that landed me my job at Ravelin! It's automatically able to apply to job listings using personalized cover letter based on keywords from the job description.

- **Improved UBC Transcript** ([Source](#)) *Python, Flask, TypeScript, MongoDB, AWS Lambda*
Bookmarklet that enhances and beautifies the unofficial UBC transcript, it gets about 450 hits per month and is included as a sidebar resource on the r/UBC subreddit!

- **RoboRooney** ([Source](#)) *Go, Slack, Heroku*

Slack-bot to quickly scan all available openings at football pitches using the MyLocalPitch API and help arrange soccer scrimmages through Slack